The South 40

Wheat yields down this year

By JAMES A. SMITH
Extension Agent

Wheat yields are running lower than usual for most growers. Earlier I noted powdery mildew in a number of fields. It's likely that mildew and ceral leaf beetle injury are responsible for lower yields. Wheat growers like to see the head bent over, rather than erect. Erect heads indicate light grain and low yield.

There are significant differences in resistance or tolerance to powdery mildew and other leaf diseases. These should be considered when selecting a variety.

* * *

The Appomattox Cattlemen's Association will hold their summer meeting this Saturday, July 9, 6:00 P.M. on the B.J. Lucado Farm. Members and families are invited.

The organization always welcomes new members, so now this is a good time to become associated with this fine group.

* * *

Japanese beetles are out feeding on their choice vegetation such as grapes and roses.

July is a good time to treat lawns for white grubs (which are largely Jap Beetle larvae).

A granular insecticide is preferred but also more costly.

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There are several electronic insect repellers on the market. They are suppose to repel cockroaches, mosquitoes, etc. The entomologists who have tested them say save your money -- they are ineffective

* * *

Hopefully an improved method is being offered fire cured tobacco growers for the '83-'84 marketing season. A letter is going out describing how it will work.

* * *

Cockroaches have been around for many years and they are still a problem.

There are two non-organic controls that you may like to put in place. If remodeling is taking place, put one of these materials behind the wallboard or other inaccessible places."

Even if there is no remodeling underway these materials can be put in cabinets and closets.

Boric acid works as roach stomach poison. Roaches pick it up by walking on a treated surface and then eat it while cleaning their feet.

Silica gel is abrasive and tends to scratch the insect's body, causing the insect to die from moisture loss.

Both of these materials are dust formulation.

Insecticides usually give quicker results, but boric acid and silica gel can be used as a part of an on-going preventive program.

* * *

The farmer's share of the food dollar declined for the third year in a row. They received 28 cents of each food dollar, while 72 cents went to marketing.

The problem is due to the increasing costs of marketing. The volume of food marketed is greater and Americans eat 68 pecent of their meals away from home. The rising costs of labor, transportation and packaging materials have also contributed to the high cost of marketing.

INSTRUCTOR JOHN CLARK explains compuiter function to student Lisa Coleman during recent computer class at Appomattox County High School.

Twelve learn 'high tech'

A special computer class for students in grades 7-12 taught for pupils in the Appomattox County Schools ended Friday, July 1 for the twelve participants.

These students had been involved in a twenty-five hour computer literacy class under the direction of Mr. John Clark, business education teacher at Appomattox County High School since June 20.

Areas covered were care and proper usuage of the computer and diskettes, introduction to Basic Lauguage, different applications for the micro-computer and the need for all persons to become aware of computer capabilities.

Classes which started at 8:00 a.m. lasted until 10:30 a.m. for the ten days involved. Participants in the class were voluntarily enrolled at a cost of $25.00 each. The special session was capped off with a tour to the Armstrong Furniture Company.

Mr. Mike Bradley of Armstrong Furniture Company gave the guided tour and explained to the class members how his company was making use of the computer.

Students participating in the class were Chris Reynolds, Tim Cheatham, JoAnn Wooding, Sharon Almond, Tommy Hansen, Leigh Taylor, Wendy Harris, Lisa Coleman, Kim Shupe, Carolyn Carnefix, Rick Pack and Tracey Moore.

'Top' leaf soon for best results

"In order to grow a "Premium Bright" tobacco crop this year, producers need to top their tobacco as soon as practical once plants begin to flower," according to Jim Smith, Extension Agent.

Smith pointed out that there is a five-state campaign to improve the quality of this country's flue-cured leaf and strengthen its position in the marketplace, both domestic and foreign.

"It is doubtful that any practice affects tobacco quality, yield, and net profit more than early topping and a good chemical sucker control program," he said.

"Early topping is usually associated with the production of good medium-bodied tobacco and late topping with light-bodied tobacco. Smith said indications are the market preference this year will be for good-bodied, ripe leaf. "These tobaccos contain more flavor, aroma, and nicotine while light-bodied tobaccos tend to be more neutral. Low nicotine, filler-type tobaccos are available from other countries at a much lower price than from the U.S."

Smith stated that topping early in the button stage has some additional benefits. Assuming suckers are controlled, yields may be increased 250 to 350 pounds per acre. Tops could be considered the worst pests in tobacco production. Another advantage of early topping is to reduce the chances of the plants blowing over if windstorms occur. Topped plants are much less likely to blow over.

Smith emphasized that plants which flower prematurely should be cut back or topped, and a vigorously growing sucker turned out so additional leaves can form. Prematurely flowered plants should be topped low enough so the upper remaining leaf will get large enough to harvest. This may mean cutting the plant off fairly close to the ground in some cases.

Happiness is 4-H

4-H camp begins

By FRANK SWEET

Our week at Holiday Lake 4-H Camp began on Monday of this week. 153 4-H'ers, fifteen teen leaders and ten adults are accompanying the group at camp this week. If parents plan to visit, please stop by the camp office and sign in when you arrive. The 4-H Camp group will arrive back at Appomattox Primary School on Friday afternoon at approximately 2:30 p.m. We ask that parents please try to pick up their young people from the Primary School by 4:00 P.M. on Friday afternoon.

* * *

Nineteen teenage 4-H'ers and four chaperones from Bailey County, Texas will arrive in Appomattox on Saturday evening, July 16. The Texas folks will be in Appomattox County for a week as the first half of a 4-H Interstate Exchange Program. During their stay in Appomattox, the Texans will participate in several special group activities including visits to the Peaks of Otter and the State Capitol in Richmond, as well as Holiday Lake 4-H Center and the Appomattox Historical Park. Families who will be hosting the 4-H group from Texas are: Mr. and Mrs. John Harrison, Mr. and Mrs. Warren A. Coleman, Mr. and Mrs. Ronnie Ranson, Mr. and Mrs. Walter Hancock, Mr. and Mrs. Brod Pack, Mr. and Mrs. Dan Coleman, Mr. and Mrs. Ned Nash,Mr. and Mrs. Howard Bryan,Mr. and Mrs. Robert Taylor, Mr. and Mrs. Walter Lee, Mr. and Mrs. Dan Hernecal, Mr. and Mrs. V. D. Lutke, Mr. and Mrs. Buddy Conner, Mr. and Mrs. Charlie G. Ranson, Mr. and Mrs. Kenneth Marston, Mr. and Mrs. Bill Burger, Ms. Janet Hix, and Mr. and Mrs. Marvin A. Glover, Jr. These folks represent the largest group of host families that have ever been involved in a 4-H Exchange Program in Appomattox.

During the summer of 1984 a 4-H group from Appomattox will have the opportunity to travel to Texas as we complete the exchange program.

Senior 4-H'ers have almost four weeks left to finish their Achievement Records. These accumulated 4-H records are due in the Extension Office not later than July 29. Achievement records provide the only way for our 4-H'ers to win trips to National 4-H Congress in Chicago.

Instructions, forms and assistance is available from the Extension Office.

* * *

Summertime is an excellent time for 4-H'ers to complete projects and make plans for exhibits in September Five County Fair. Each 4-H'er is encouraged to enter at least one exhibit in the Fair each year.

Teachers cited

Three teachers retired from the Appomattox County School System at the end of the 1982-83 session. They are Mrs. Josephine C. Webb, Mrs. Katherine G. Sears and Mrs. Velma Elliott.

A native of West Virginia, Mrs. Josephine Webb taught in Appomattox County Schools from 1943 through 1883. She began teaching at Canaan School in Vera, later moved to Carver Price and for the past nine years has taught at Appomattox Elementary School. She has a B.S. Degree from Bluefield State College in Elementary Education.

Mrs. Katherine G. Sears began her teaching career in Bedford County where she taught for three years before returning to her native Campbell County where she taught from 1945 - 1954. She taught in Appomattox County from 1964 through 1983. Mrs. Sears has a B.S. Degree from Longwood College in Elementary Education.

After teaching in Mississippi from 1938 - 1942. Mrs. Velma Elliott taught in Appomattox County from 1947 through 1983. She has a B.S. Degree from Alcorn A and M College, Alcorn, Mississippi and a M.S. Degree from New York University. Mrs. Elliott has taught home economics at the secondary level for 40 years.

At a recent meeting the school board presented each teacher with a certificate of appreciation and expressed best wishes for many years of happiness and good health.

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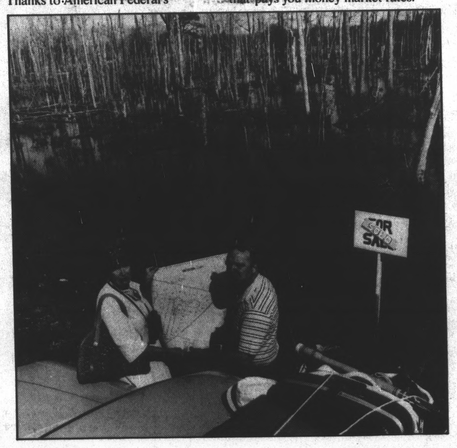

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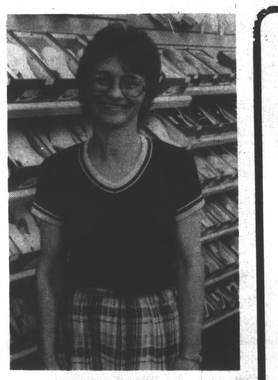

MARGARET MONIGOLD, manager at the new Shoe Show store in Appomattox, invites county residents to visit the store, which is located in Triangle Plaza Shopping Center. The store, which opened for business last week, is one of 125 in the Shoe Show chain, which is based in North Carolina.

VPI benefits

IBM Corporation has awarded state-of-the art computer systems to Virginia Tech and 19 other universities as part of a $50 million corporate program designed to encourage education for excellence in manufacturing systems at American engineering schools.

The 20 universities represent 14 states and the District of Columbia.The award was announced here Tuesday by President William E. Lavery and in New York by IBM Chairman John R. Opel. Tech Dean of Engineering Paul R. Torgersen was in New York Tuesday Morning to accept the award, valued at nearly $2 million on behalf of the university.

Opel, in his formal announcement, said, 'We are on the threshold of a new era in manufacturing technology, and there is a critical need in industry for people who can make full use of that technology and enhance it in years to come. There can be no factories of the future unless there are universities of future education those people now.'

Opel said the challenge is ' so important...that IBM is making manufacturing technology the focus of the largest single-program educational donation in its history.'

The universities, both private and state-supported, were selected from among institutions that submitted proposals in response to IBM's announcement last fall of a cash and equipment grant program to help universities update their manufacturing engineering curricula.

"We are extremely pleased and proud to have been selected by IBM as one of 20 recipients of this invaluable computer system,' Lavery said Tuesday. 'To have our proposal selected from among 115 that were reviewed by IBM--and to be in the company of those 19 other prestigious insitutions--is quite an honor.'

'More importantly to us, of course, is the enormous value of this sophisticated equipment to the engineering programs at this university and, less directly, to the vital role we at Virginia Tech play in the development of sophisticated high technology in the commonwealth.

'As (IBM) Chairman Opel said this morning, we truly are on the threshold of a new era in manufacturing technology. And this important addition to our educational technology is a significant step forward in our efforts to maintain Virginia Tech at the forefront of engineering and computer science education and developement.'

The equipment awarded is collectively valued at about $40 million . Included in Tech's equipment are IBM 4341 processor system and CAD/CAM (computer-aided design/computer-aided manufacturing) systems that will enable engineering students to learn first-hand about these leading-edge applications designed to improve industrial productivity.

In CAD/CAM operations, a product design, ranging from a simple gear to a complex spacecraft,can be generated on a graphics display terminal through interaction between the designer and the computer via appropriate software. Geometric imformation about the design can be used by the machine tools that fabricate and assemble the product, allowing the manufacturer to produce the unit in a highly productive and cost-efficient manner.

The systems will be used typically to help teach mechanical engineering, computer science, business and architecture students up-to-date techniques in design and manufacturing.

Other equipment donated to each university includes IBM direct access storage devices and IBM graphics terminals. Software packages are being donated by IBM, CADAM, Inc., Burbank, Calif.; Dassault Systems of Paris, France; Bell Northern Research, Ltd., Ottawa, Canada; and Structural Dynamics Research Corp., Cincinnati, Ohio.

Southern States

NOTICE OF LOCAL ANNUAL MEETING
The Local Annual Meeting of the Members of Southern States Cooperative, Inc., served by: Coleman & Sons, Inc., Appomattox, Virginia
Will be held at COLEMAN & SONS, INC., Appomattox, Virginia Wednesday, July 20, 1983, at 1:00 P.M. to 2:30 P.M.
Business Meeting at 2:00 P.M. to 2:30 P.M.
The agenda includes annual elections and reports from management. Elections will be held by Proxy ballot. Mark your ballot at the local dealer's place of business at any time before the meeting convenes.
By Order of the Board of Directors
E. M. Holdaway - Secretary

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OSCAR MAYER Cooked HAM 6 oz. PKG. $1.39
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BONELESS SIRLOIN STEAK USDA CHOICE TENDERAGED lb. $2.99
SLICED BEEF LIVER lb. 79¢
BONELESS Beef RUMP ROAST lb. $1.99
PERDUE CHICKEN BREASTS lb. $1.19
PERDUE CHICKEN LEGS lb. 69¢
OSCAR MAYER CHEESE DOGS lb. $1.79
HYGRADE Grillmaster FRANKS lb. 79¢
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• CHOCOLATE CHIP 13 oz. $1.39
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MORTON FRIED CHICKEN 2-lb. PKG. $2.39
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CRISP LETTUCE HD. 49¢
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